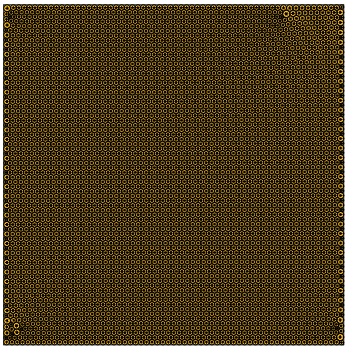
N = 4489

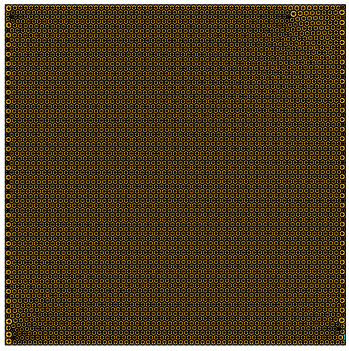
4489 circles in a square



sumradii = 35.889599061410 density = 0.903404959615
sumperim = 225.501001503219 contacts = 13467

N = 4490

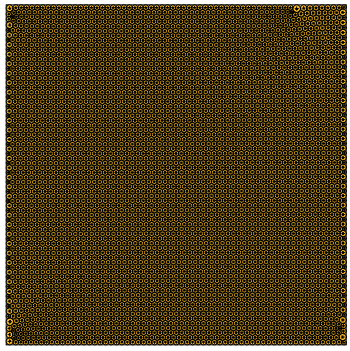
4490 circles in a square



sumradii = 35.892749058665 density = 0.903336341719
sumperim = 225.520793519689 contacts = 13470

N = 4491

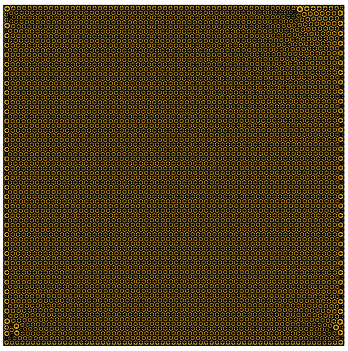
4491 circles in a square



sumradii = 35.897216379608 density = 0.903372567293
sumperim = 225.548862524997 contacts = 13473

N = 4492

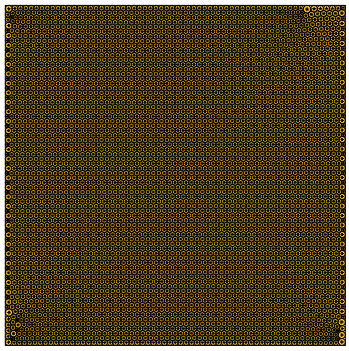
4492 circles in a square



sumradii = 35.900990512754 density = 0.903411938639
sumperim = 225.572576102929 contacts = 13476

N = 4493

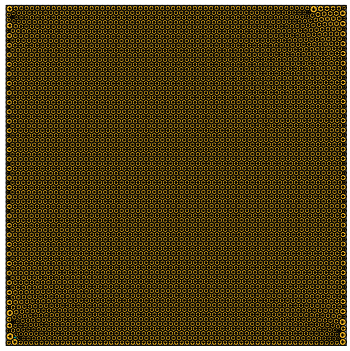
4493 circles in a square



sumradii = 35.905276703260 density = 0.903383953592
sumperim = 225.599507032139 contacts = 13479

N = 4494

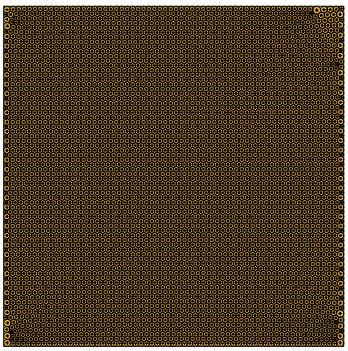
4494 circles in a square



sumradii = 35.907967051100 density = 0.903355769407
sumperim = 225.616410986163 contacts = 13482

N = 4495

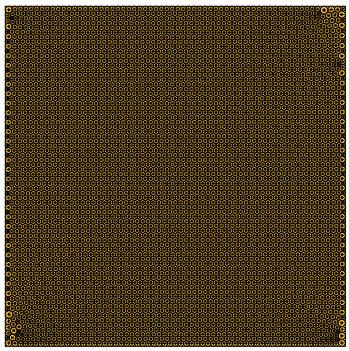
4495 circles in a square



sumradii = 35.912153575178 density = 0.903344513670
sumperim = 225.642715692735 contacts = 13485

N = 4496

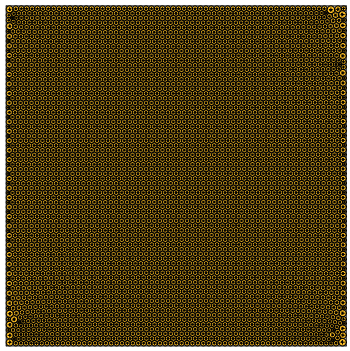
4496 circles in a square



sumradii = 35.915643207698 density = 0.903366199144
sumperim = 225.664641700510 contacts = 13488

N = 4497

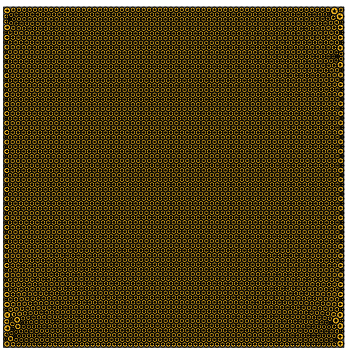
4497 circles in a square



sumradii = 35.919897149623 density = 0.903378830056
sumperim = 225.691370005916 contacts = 13491

N = 4498

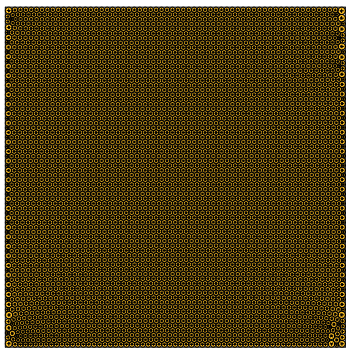
4498 circles in a square



sumradii = 35.923638648256 density = 0.903377792013
sumperim = 225.714878535152 contacts = 13494

N = 4499

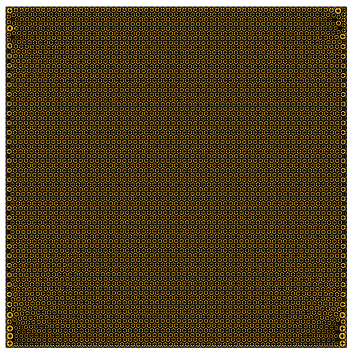
4499 circles in a square



sumradii = 35.928784578823 density = 0.903340341169
sumperim = 225.747211370484 contacts = 13497

N = 4500

4500 circles in a square



sumradii = 35.931063470370 density = 0.903333158439
sumperim = 225.761530068367 contacts = 13500