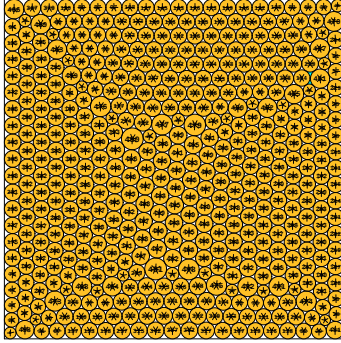


N = 481

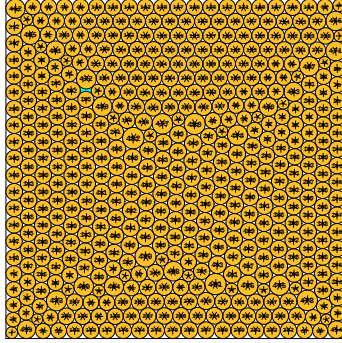
481 circles in a square



sumrad11 = 11.670331156637 density = 0.895910485196
sumperim = 73.326853253299 contacts = 1443

N = 482

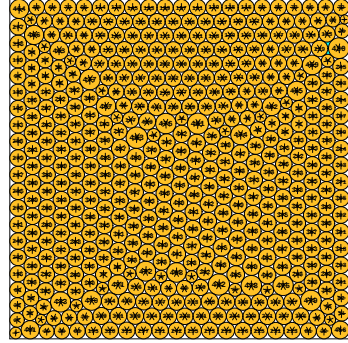
482 circles in a square



sumrad11 = 11.682781965040 density = 0.895791439645
sumperim = 73.405083989719 contacts = 1446

N = 483

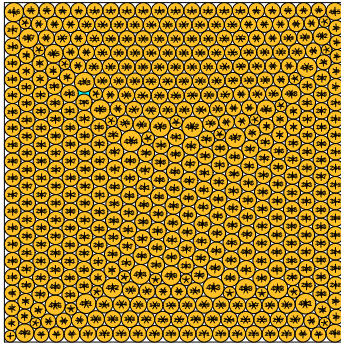
483 circles in a square



sumrad11 = 11.694407066264 density = 0.895902389389
sumperim = 73.478126654928 contacts = 1449

N = 484

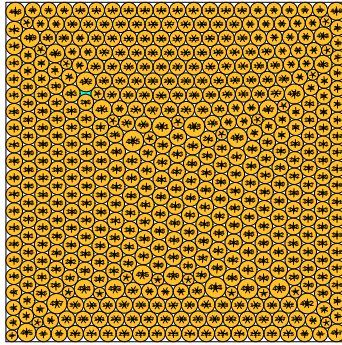
484 circles in a square



sumrad11 = 11.706739384534 density = 0.89583948291
sumperim = 73.556612895883 contacts = 1452

N = 485

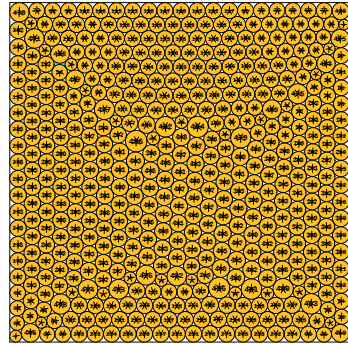
485 circles in a square



sumrad11 = 11.719299534218 density = 0.895817732597
sumperim = 73.634467813988 contacts = 1455

N = 486

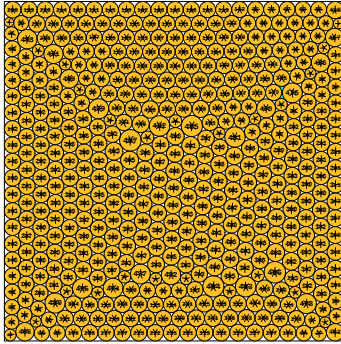
486 circles in a square



sumrad11 = 11.731171627811 density = 0.895888802813
sumperim = 73.709125282848 contacts = 1458

N = 487

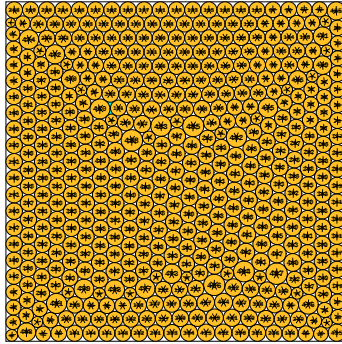
487 circles in a square



sumrad11 = 11.742424558788 density = 0.895843885548
sumperim = 73.778828457937 contacts = 1461

N = 488

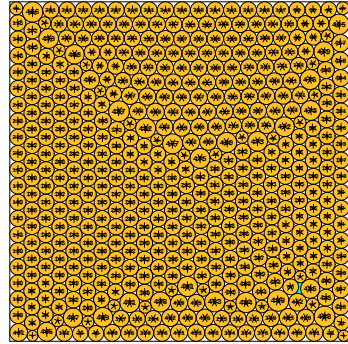
488 circles in a square



sumrad11 = 11.753818590945 density = 0.895883823517
sumperim = 73.851428932145 contacts = 1464

N = 489

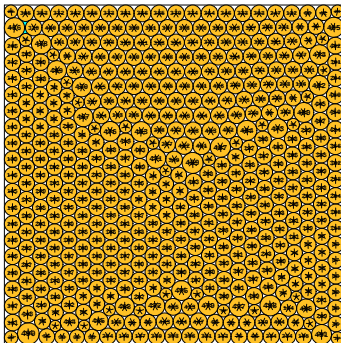
489 circles in a square



sumrad11 = 11.767847428021 density = 0.895774728945
sumperim = 73.939566856871 contacts = 1467

N = 490

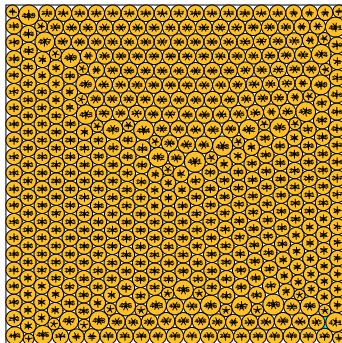
490 circles in a square



sumrad11 = 11.780098018438 density = 0.895843885548
sumperim = 74.016538786587 contacts = 1470

N = 491

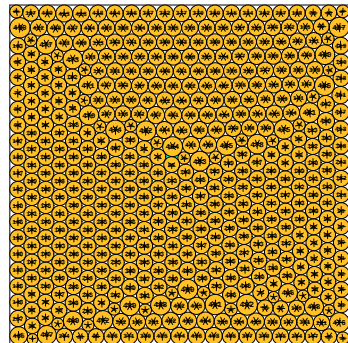
491 circles in a square



sumrad11 = 11.792921656649 density = 0.895883823517
sumperim = 74.097112881774 contacts = 1473

N = 492

492 circles in a square



sumrad11 = 11.805589809537 density = 0.895939847855
sumperim = 74.176709862192 contacts = 1476