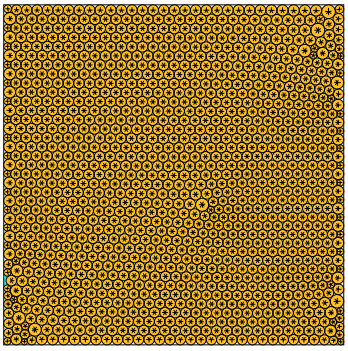
N = 1237

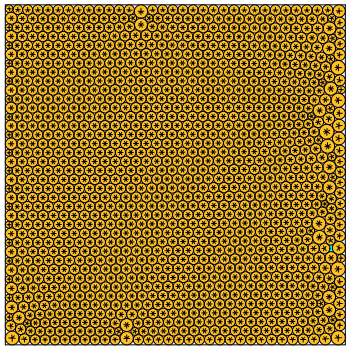
1237 circles in a square



sumradii = 18.7719431945680 **density** = 0.900208128290
sumperim = 117.947597667318 **contacts** = 3711

N = 1238

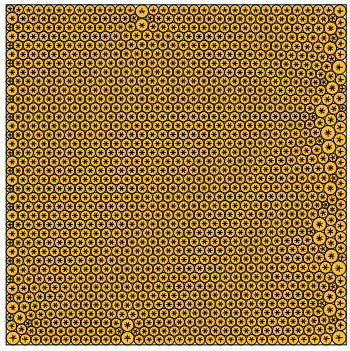
1238 circles in a square



sumradii = 18.782111729839 **density** = 0.899839560501
sumperim = 118.011488458730 **contacts** = 3714

N = 1239

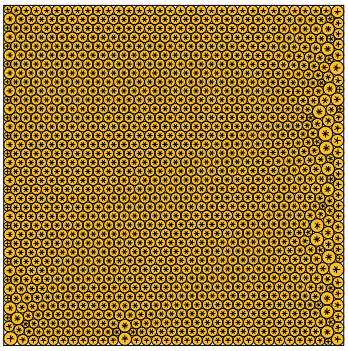
1239 circles in a square



sumradii = 18.791072817670 **density** = 0.899974234170
sumperim = 118.067792634126 **contacts** = 3717

N = 1240

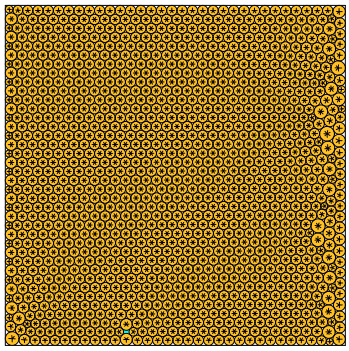
1240 circles in a square



sumradii = 18.800419191621 **density** = 0.900001072114
sumperim = 118.126517633611 **contacts** = 3720

N = 1241

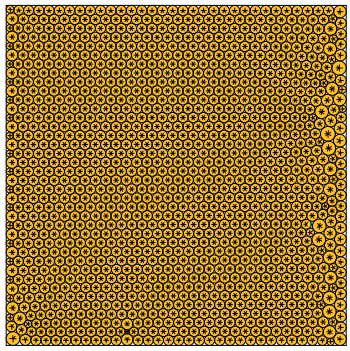
1241 circles in a square



sumradii = 18.809813028026 **density** = 0.899935365585
sumperim = 118.185540848485 **contacts** = 3723

N = 1242

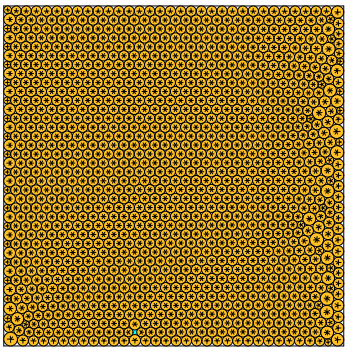
1242 circles in a square



sumradii = 18.815856275979 **density** = 0.899986207514
sumperim = 118.223511695234 **contacts** = 3726

N = 1243

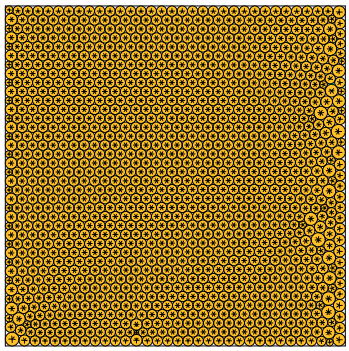
1243 circles in a square



sumradii = 18.827406747130 **density** = 0.899991047670
sumperim = 118.296085445859 **contacts** = 3729

N = 1244

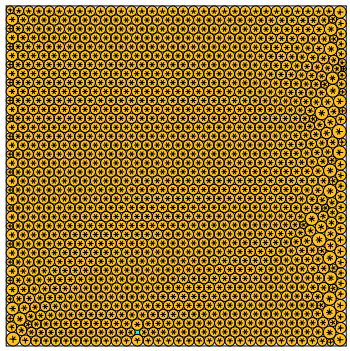
1244 circles in a square



sumradii = 18.833318833654 **density** = 0.900008045525
sumperim = 118.333232181042 **contacts** = 3732

N = 1245

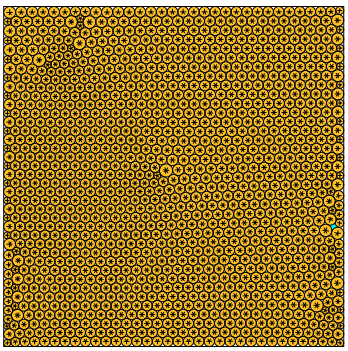
1245 circles in a square



sumradii = 18.841122845400 **density** = 0.900025135411
sumperim = 118.382266232981 **contacts** = 3735

N = 1246

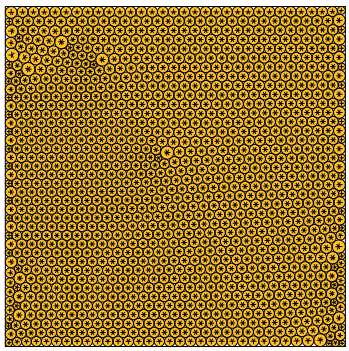
1246 circles in a square



sumradii = 18.841484773262 **density** = 0.900224486709
sumperim = 118.384540292805 **contacts** = 3738

N = 1247

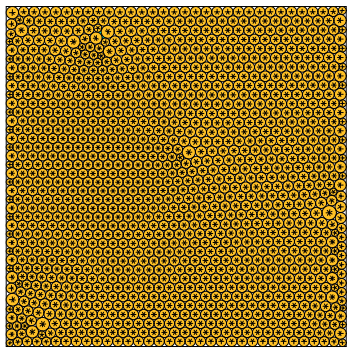
1247 circles in a square



sumradii = 18.847074742214 **density** = 0.900362049009
sumperim = 118.419663103596 **contacts** = 3741

N = 1248

1248 circles in a square



sumradii = 18.856343010080 **density** = 0.900322308767
sumperim = 118.477897348071 **contacts** = 3744