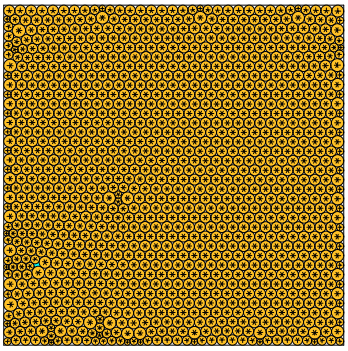
N = 1153

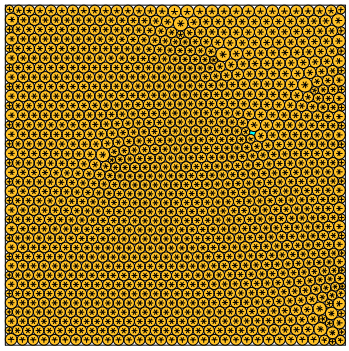
1153 circles in a square



sumradii = 18.105026171282 density = 0.900561183825
sumperim = 113.757234425501 contacts = 3459

N = 1154

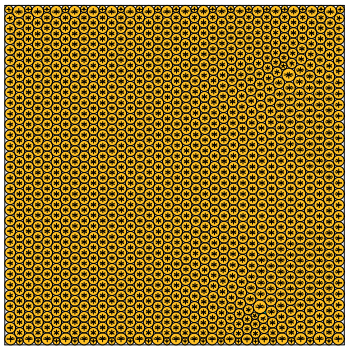
1154 circles in a square



sumradii = 18.117486220059 density = 0.899998531915
sumperim = 113.835523220903 contacts = 3462

N = 1155

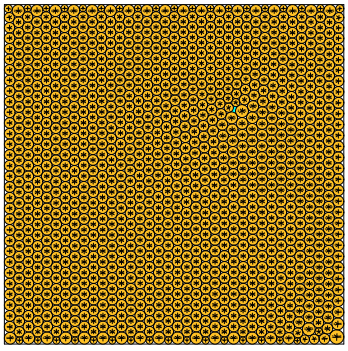
1155 circles in a square



sumradii = 18.146699894223 density = 0.900175697901
sumperim = 114.019078149179 contacts = 3465

N = 1156

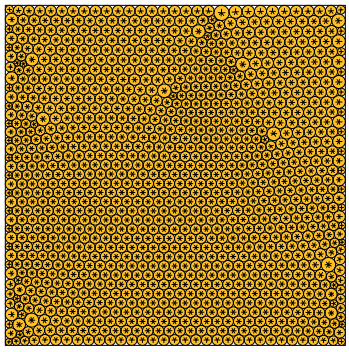
1156 circles in a square



sumradii = 18.156851709613 density = 0.900034355408
sumperim = 114.082863886479 contacts = 3468

N = 1157

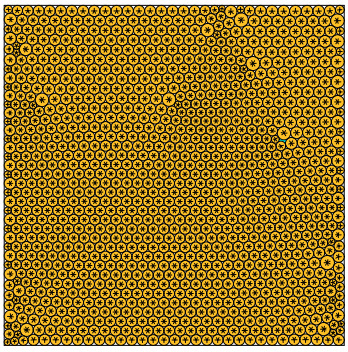
1157 circles in a square



sumradii = 18.135732140809 density = 0.900056941933
sumperim = 113.950165722078 contacts = 3471

N = 1158

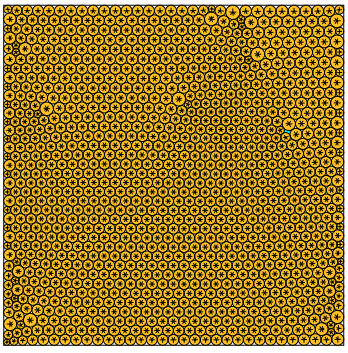
1158 circles in a square



sumradii = 18.146918500542 density = 0.900061242809
sumperim = 114.020451693193 contacts = 3474

N = 1159

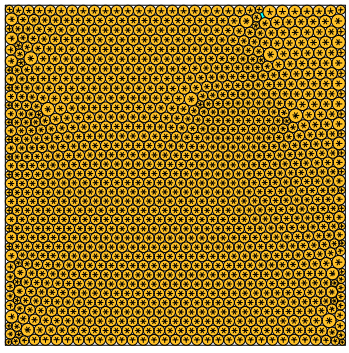
1159 circles in a square



sumradii = 18.154424016778 density = 0.899971498101
sumperim = 114.067610242526 contacts = 3477

N = 1160

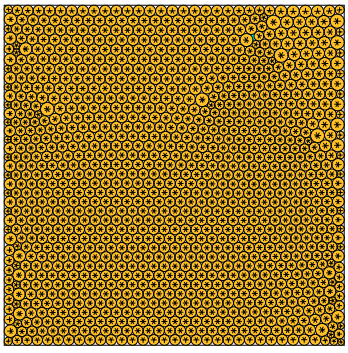
1160 circles in a square



sumradii = 18.163195015320 density = 0.900024490902
sumperim = 114.122720051696 contacts = 3480

N = 1161

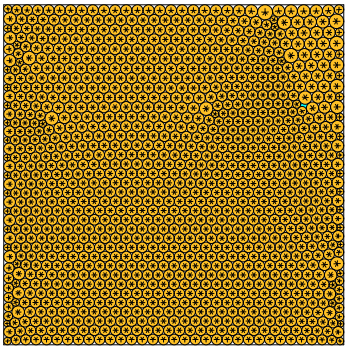
1161 circles in a square



sumradii = 18.174857283817 density = 0.899989111298
sumperim = 114.195996245767 contacts = 3483

N = 1162

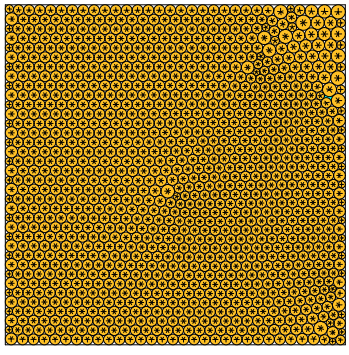
1162 circles in a square



sumradii = 18.178715630613 density = 0.899987625970
sumperim = 114.220238953660 contacts = 3486

N = 1163

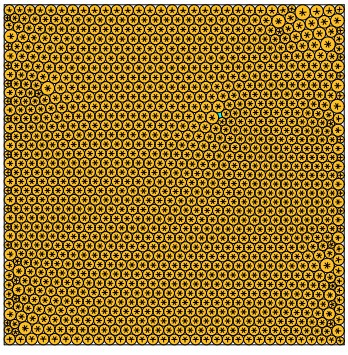
1163 circles in a square



sumradii = 18.192694187804 density = 0.900045829013
sumperim = 114.308068818820 contacts = 3489

N = 1164

1164 circles in a square



sumradii = 18.204472267873 density = 0.899941996933
sumperim = 114.382072678455 contacts = 3492