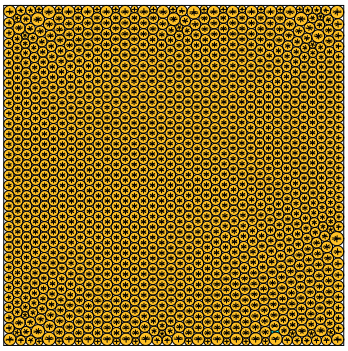
N = 1225

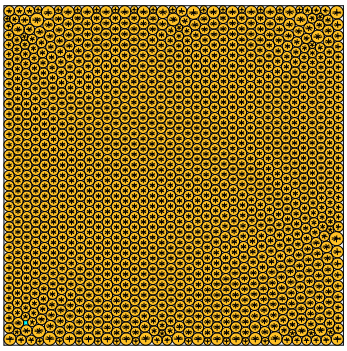
1225 circles in a square



sumradii = 18.687146933024 density = 0.900052355247
sumperim = 117.414807042682 contacts = 3675

N = 1226

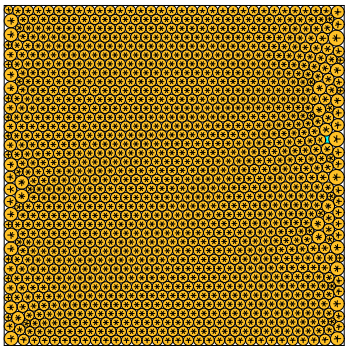
1226 circles in a square



sumradii = 18.693915650172 density = 0.900041106477
sumperim = 117.457336146815 contacts = 3678

N = 1227

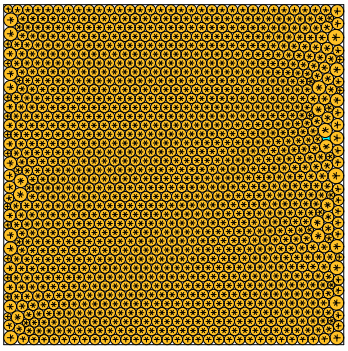
1227 circles in a square



sumradii = 18.694376007797 density = 0.899439393852
sumperim = 117.460228659080 contacts = 3681

N = 1228

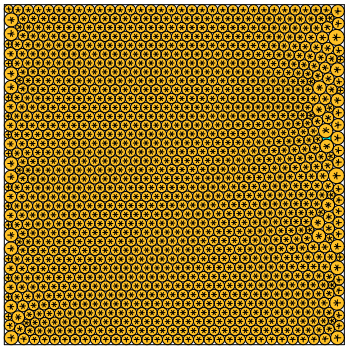
1228 circles in a square



sumradii = 18.702400088633 density = 0.899529791529
sumperim = 117.510645445891 contacts = 3684

N = 1229

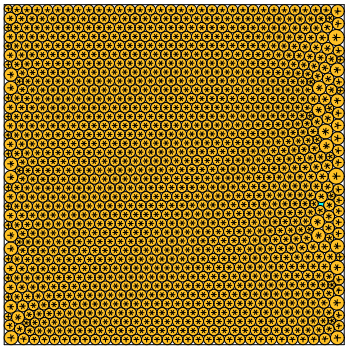
1229 circles in a square



sumradii = 18.710910510079 density = 0.899570497476
sumperim = 117.564118000882 contacts = 3687

N = 1230

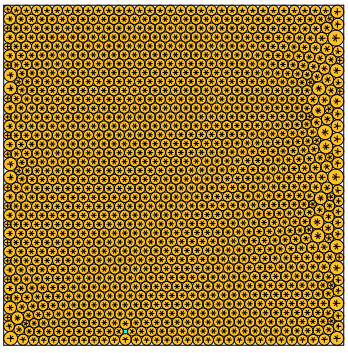
1230 circles in a square



sumradii = 18.718412448100 density = 0.899594445749
sumperim = 117.611254067632 contacts = 3690

N = 1231

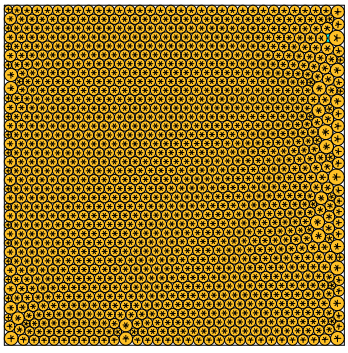
1231 circles in a square



sumradii = 18.725541292100 density = 0.899642855454
sumperim = 117.656045915507 contacts = 3693

N = 1232

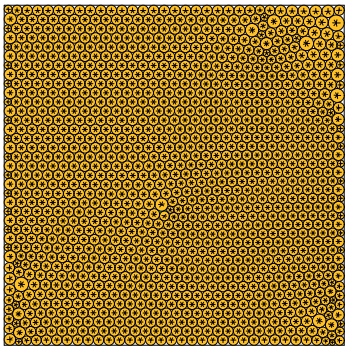
1232 circles in a square



sumradii = 18.732794188796 density = 0.899722153727
sumperim = 117.701617209461 contacts = 3696

N = 1233

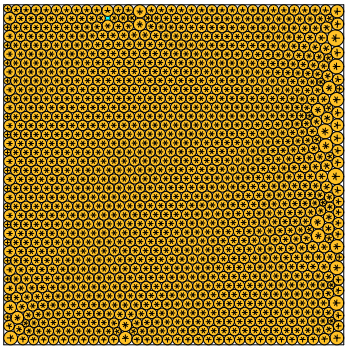
1233 circles in a square



sumradii = 18.739063794903 density = 0.900218233679
sumperim = 117.741010306434 contacts = 3699

N = 1234

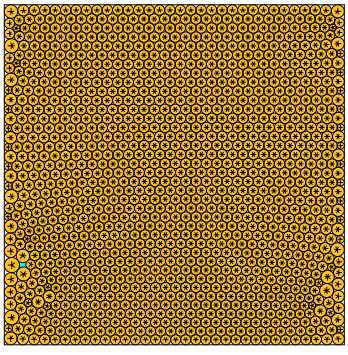
1234 circles in a square



sumradii = 18.744656384972 density = 0.899693460428
sumperim = 117.776149586185 contacts = 3702

N = 1235

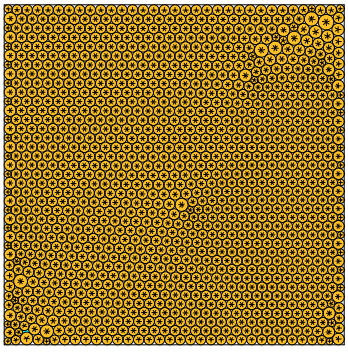
1235 circles in a square



sumradii = 18.758773729796 density = 0.899645565719
sumperim = 117.864851479760 contacts = 3705

N = 1236

1236 circles in a square



sumradii = 18.761635557644 density = 0.900262349073
sumperim = 117.882832874449 contacts = 3708